



American Recovery and Reinvestment Act – Navigation Funding

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US Army Corps of Engineers



Corps Navigation Mission

Provide safe, reliable, efficient, effective and environmentally sustainable waterborne transportation systems for movement of commerce, national security needs, and recreation.





Funding

- FY09 Appropriation
- American Recovery and Reinvestment Act (ARRA)



Energy & Water Appropriation

- \$5B USACE Civil Works Program
- \$2B Navigation – about 40%
- \$1.4B Navigation O&M – about 70%
- \$600M Maintenance dredge - about 40%



Navigation Assets

- Coastal Navigation
- Inland Navigation
- Navigation Structures
 - Jetties, breakwaters, etc
 - River training works
- Bridges



ARRA Breakdown by Account

SUMMARY OF APPROPRIATIONS (\$Billions)

• Investigations	\$0.025
Construction	\$2.000
• O&M	\$2.075
• MR&T	\$0.375
• Regulatory	\$0.025
• <u>FUSRAP</u>	<u>\$0.100</u>
• TOTAL	\$4.600



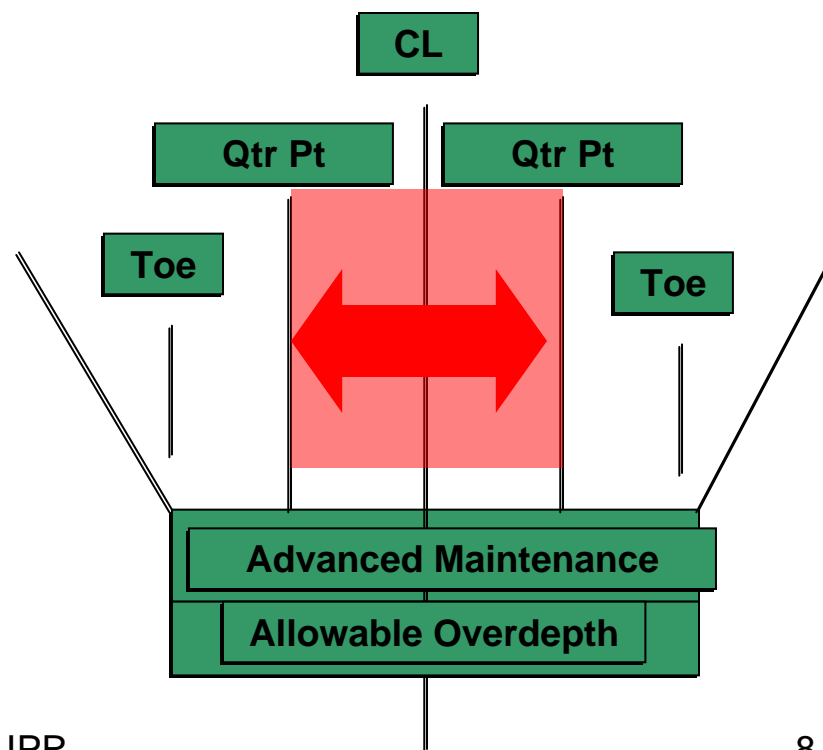


ARRA and Maintenance Dredging

- Quick Contract Award
 - Combine with Annual Appropriation
 - Less Engineering and Design than structures
- Quick Completion
 - Most work 3-4 months duration
- Useable Product
 - Improve Channel availability
 - Dredge projects we have not been able to maintain

Coastal Navigation Performance Standard

- Standard
 - Full project depth
 - Half project width, 95% of the time
- Trend
 - FY 2005: 38%
 - FY 2006: 35%
 - FY 2007: 32%
 - FY 2009 – 2013: FYDP get to 95%





ARRA Execution

- MG Temple, Deputy Commanding General for Civil Works and Emergency Response emphasizes:
- Process
- People
- Performance
- Predictability (?)



Execution Challenges

- Size of the program
- Contract development and scheduling
- Environmental Windows
- Dredge Availability



Ability to Execute

- Full projects dimensions vs. Restricted Depth and Width
- Walking job versus Production job
- Coordinate the work Regionally and Nationally



Dredges

- Cutterhead/Pipeline 60%
- Hopper 25%
- Mechanical 15%



Results

- Improved Channel Availability
 - Critical to the efficient and safe movement of goods
 - Assures US goods competitiveness in the global marketplace
- Subsequent channel maintenance is from an improved base condition



Lessons Learned

- Need to review unfunded budget work packages
- Increase stakeholder awareness of funded and unfunded work packages
- Engage Business Line Managers



Summary

- Infrastructure finally getting attention!
- Funds are coming
- Regional Industry Days
- National Plan
- Let's go!